

ABSTRACT

Methods to correlate call data records in a telephone or other communication system. A combination of parameter values in the data records and timestamps associated with some of the parameters can be used for such correlation. The information available within a single call record has limitations due to the fact that critical routing information may be (a) missing or (b) incorrect. Correlation of call detail records obtained from various communication segments provides the ability to mutually enrich the records so as to increase billing accuracy, as well as to enhance the detection of call mis-routing and perform traffic analysis.

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